

DETAILED ACTION

Examiner's Note

This document corrects a typographical error in the Examiner's Amendment to the Specification. The Japanese priority application number has been changed from 2003-059188 to 2004-059188.

International Search Report

There were no "X" or "Y" references indicated in the international search report for PCT/JP2004/017700, which is a corresponding international application to the current application.

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Andrew Friestein on 6/1/2011.

The application has been amended as follows:

SPECIFICATION

On page 1 of the Specification, after the title, please insert the sentence

--This application is a 371 of PCT/JP2004/017700, filed 11/29/2004 and claims priority to Japanese Application No. 2004-059188, filed 03/03/2004.--

CLAIMS

In Claim 1, line 7, the word “and” following the comma after the word “fiber” has been deleted and the words --wherein said paper has-- inserted therefor.

In Claim 1, the last line, the word “is” has been deleted and the word --of-- inserted therefor.

In Claim 4, line 3, the word “where” has been deleted and the words --formed by subjecting-- inserted therefor.

In Claim 4, line 4, the word --a-- has been inserted before the word ‘polymer’.

In Claim 4, line 4, the words "are subjected to" have been deleted.

In Claim 5, line 2, the words “the cross-linking structure” have been deleted and the word --formed-- inserted therefor.

In Claim 11, line 5, a comma has been inserted following the word "group".

In Claim 11, line 6, a comma has been inserted following the second usage of the word "group" and before the word “are”.

Reasons for Allowance

The following is an examiner’s statement of reasons for allowance: the nearest prior art, Belding et al, fails to disclose the claimed organic fine particles or the concentration of cations in water used make the paper or used to disperse the organic particles. Other prior art, Nishida et al ('265, '797 and '970) and Tanaka et al discloses

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the organic particles, but fails to disclose the concentration of cations, excluding metal ions bonded to acidic group of the particles, in water used make the paper or used to disperse the organic particles. Data presented in the original specification (Example 6 vs. Comparative Example 3) and the quantitative new data (Example A vs. Comparative Example B) presented in the Declaration under 37 CFR 1.132, submitted 3/28/2011, demonstrate a significant decrease in saturated moisture absorption rate in paper made using water having a concentration of cations, excluding metal ions bonded to acidic group of the particles, exceeding the claimed limitation over paper made according to the claimed invention. In view of the data described above and the disclosures of the prior art, making a moisture absorptive and desorptive paper having the concentration of cations as claimed would not have been obvious to one of ordinary skill in the art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DENNIS CORDRAY whose telephone number is (571)272-8244. The examiner can normally be reached on M - F, 7:30 -4:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Daniels can be reached on 571-272-2450. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dennis Cordray/
Examiner, Art Unit 1741

/Matthew J. Daniels/

Supervisory Patent Examiner, Art Unit 1741